1990 **PEST CONDITIONS REPORT WORK SHEET**

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RHODE ISLAND

PEST - (COMMON NAME): Pear thrips

(SPECIFIC NAME): Taeniothrips inconsequens

HOST: Apparently incomplete. Sugar maple, Red maple, various orchard fruits, grape and blackberry vines are known hosts.

PRESENT CONDITION:

AREA - TOTAL ACRES: Approximately 50 acres.

LOCATION: 1 plot at East Farm and 3 plots at Greene, at West Greenwich and Charlie Chase Farm.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES:

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Apparently infestation is growing and expected to expand in forest maples and northern apple orchards.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

ADDITIONAL COMMENTS: Division plans to expand survey for adults. Soil sampling not done by the Division but cooperative extension service did some sampling in Washington and Kent counties.

1990 PEST CONDITIONS REPORT WORK SHEET

PEST - (COMMON NAME): Oak and Maple Anthracnose

(SPECIFIC NAME): Gnomonia

HOST: Various species of Oak and Maple trees.

PRESENT CONDITION:

AREA - TOTAL ACRES: not surveyed

LOCATION: Statewide

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Moderate infections statewide.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES: No estimates done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Second year of increasing problems.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
No controls done.

ADDITIONAL COMMENTS:

1990 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Orange-striped Oakworm

(SPECIFIC NAME): Anisota senatoria

HOST: White and other oak species.

PRESENT CONDITION:

AREA - TOTAL ACRES: 100 acres.

LOCATION: Scituate. Block of upland hardwood, west side of Route 116, between Route 14 and Route 12.

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Moderate

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES:

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Before 1990 - heavy for several years. Population may be declining.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:
None. Salvage methods like stiring soil, etc.

ADDITIONAL COMMENTS:

1990 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Scolytid Beetle

(SPECIFIC NAME): Pityphthonus

HOST: White pine

PRESENT CONDITION:

AREA - TOTAL ACRES: approximately 2,700 acres

LOCATION: Glocester and Burriville

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Moderate. Some mortality in sapling trees and seedlings.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES: None

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Traces before 1990. There has been an increase in management areas and outside areas during forest health monitoring (Gloucester). Increasing in the future.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

None

ADDITIONAL COMMENTS:

1990 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Red Pine Scale

(SPECIFIC NAME): Matsucoccus resinosae

HOST: Red pine

PRESENT CONDITION:

AREA - TOTAL ACRES: campground area - 120 acres

LOCATION: Charlestown

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Heavy, extreme liability. Heavy defoliation.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES: No cost estimates done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Increasing every year. Will probably continue to be severe.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS: Remove dead trees.

ADDITIONAL COMMENTS:

1990 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Hemlock Wooly Adelgid

(SPECIFIC NAME): Adelges tsugae

HOST: Eastern hemlock (Tsuga caradensis)

PRESENT CONDITION:

AREA - TOTAL ACRES: Five properties infested last year. Three of them have been exterminated. New infestation of 11 - 12 city blocks found in Westerly.

LOCATION: Kent and Washington counties

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Infestations are very apparent on the infested properties.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES: No estimates done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Third year of infestation. Future - spread will be likely if infestations are not controlled.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS:

ADDITIONAL COMMENTS: Three of the original five infestations under control but large infestation in the southwest corner of the state is a big problem.

1990 PEST CONDITIONS REPORT WORK SHEET

RHODE ISLAND

PEST - (COMMON NAME): Dogwood Anthracnose

(SPECIFIC NAME): Discula sp.

HOST: Dogwood trees

PRESENT CONDITION:

AREA - TOTAL ACRES: not surveyed

LOCATION: Statewide

SEVERITY - INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES: Light to medium.

LOSSES - INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES: No estimates done.

TREND - CHANGES IN INCIDENCE AND SEVERITY OVER THE PAST FEW YEARS AND EXPECTATIONS FOR NEXT YEAR: Light damage during 1989. Moderate damage this year. Future - more problems expected.

CONTROL PROJECTS - METHOD, MATERIAL, ACRES, COST, RESULTS: No control work done.

ADDITIONAL COMMENTS: Rainy growing season may have caused suseptible trees to grow more vigorously and become more resistant to latent infections.

RHODE ISLAND

1990 PEST CONDITIONS REPORT WORKSHEET

PEST (COMMON NAME): Gypsy moth

(SPECIFIC NAME): Lymantria Dispar

HOST: Oaks

PRESENT CONDITION: No noticeable infestation

AREA (TOTAL ACRES):

LOCATION:

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

none

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

none

TREND:

PAST TO PRESENT: continued low level populations statewide

FUTURE: no infestation expected for spring 1991

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

none

COMMENTS: